

ABSTRACT OF THE DISCLOSURE

A method for representing an extended color gamut digital image on a hard-copy output medium having a limited color gamut comprising the steps of adjusting the color values of the extended color gamut digital image to fit within the limited color gamut of the output medium to form a limited color gamut digital image, producing a limited color gamut output print from the limited color gamut digital image on the hard-copy output medium, determining a residual image representing a difference between the extended color gamut digital image and the limited color gamut digital image, and encoding the residual image on the output print using a digital encoding means such that the residual image and the limited color gamut output print are adapted to be used to form a reconstructed extended color gamut digital image.